

THERMAL BARRIER COATING MATERIAL

Abstract of Disclosure

A coating material, particularly a thermal barrier coating, for a component intended for use in a hostile environment, such as the superalloy turbine, combustor and augmentor components of a gas turbine engine. The coating material is zirconia that is partially stabilized with yttria and to which lanthana, neodymia and/or tantala are alloyed to increase the impact resistance of the coating.

Patented by the U.S. Patent and Trademark Office

Figures

Figure 1: A vertical list of text elements, possibly a table of contents or a list of items, arranged in a single column. The text is small and difficult to read, but appears to be organized in a structured manner.